

FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement otherwise large entity fees must be paid, See Forms PTO/SB/09-12

TOTAL AMOUNT OF PAYMENT

\$

Complete if Known

Application Number 09/077,615

Filing Date May 29, 1998

First Named Inventor Rafael Arguello

Group Art Unit

Examiner Name

Attorney Docket Number 740380.90058

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number

17-0055

Deposit Account Name

Quarles & Brady

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17☐ Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b)2. ☐ Payment Enclosed:☐

Check

☐

Money Order

☐

Other

FEE CALCULATION (fees effective 10/01/97)

1. FILING FEE

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
101	790	201	395	Utility filing fee	
106	330	206	165	Design filing fee	
107	540	207	270	Plant filing fee	
108	790	208	395	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) (\$)

2. CLAIMS

Total Claims	Extra	Fee from below	Fee Paid
<input type="text"/>	-20**= <input type="text"/>	X <input type="text"/>	= <input type="text"/>
Independent Claims	-3**= <input type="text"/>	X <input type="text"/>	= <input type="text"/>
Multiple Dependent Claims			= <input type="text"/>

** or number previously paid, if greater, For reissues see below

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description
103	22	203	11	Claims in excess of 20
102	82	202	41	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim
109	80	209	40	**Reissue independent claims over original patent
110	22	210	11	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	'920	112	'920	Requesting publication of SIR prior to Examiner action	
113	'1,840	113	'1,840	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	950	217	475	Extension for reply within third month	
118	1,510	218	755	Extension for reply within fourth month	
128	2,060	228	1,030	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive unavoidably abandoned application	
141	1,320	241	660	Petition to revive unintentionally abandoned application	
142	1,320	242	660	Utility issue fee (or reissue)	
143	450	243	225	Design issue fee	
144	670	244	335	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))	
149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify)

Other fee (specify)

SUBTOTAL (3) (\$)

* Reduced by Basic Filing Fee Paid

SUBMITTED BY

Typed or Printed Name Nicholas J. Seay

Signature

Date

October 20, 1998

Complete (if applicable)

Reg. Number

27,386

Deposit Account User ID

FREE TRANSMITTAL

JUL 23 1998

Patent fees are subject to annual revision on October 1. These are the fees effective October 1, 1997.
 Small Entity payments must be supported by a small entity statement otherwise large entity fees must be paid, See Forms PTO/SB/09-12

TOTAL AMOUNT OF	\$
-----------------	----

Complete if Known	
Application Number	09/077,615
Filing Date	May 29, 1998
First Named Inventor	Rafael Arguello
Group Art Unit	
Examiner Name	
Attorney Docket	740380.90058

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: 17-0055

Deposit Account Name: Quarles & Brady

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 ☐ Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b)

2. ☐ Payment Enclosed:

☐ Check ☐ Money Order ☐ Other

FEE CALCULATION (fees effective 10/01/97)

1. FILING FEE

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
101	790	201	395	Utility filing fee	
106	330	206	165	Design filing fee	
107	540	207	270	Plant filing fee	
108	790	208	395	Reissue filing fee	
114	150	214	75	Provisional filing fee	
SUBTOTAL (1) (\$)					

2. CLAIMS

Total Claims	Extra	Fee from below	Fee Paid
-20**=	X		
Independent Claims -3**=	X		
Multiple Dependent Claims			

** or number previously paid, if greater, For reissues see below

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
103	22	203	11	Claims in excess of 20	
102	82	202	41	Independent claims in excess of 3	
104	270	204	135	Multiple dependent claim	
109	80	209	40	**Reissue independent claims over original patent	
110	22	210	11	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$)					

FEE CALCULATION (continued)

3. ADDITIONAL FEES

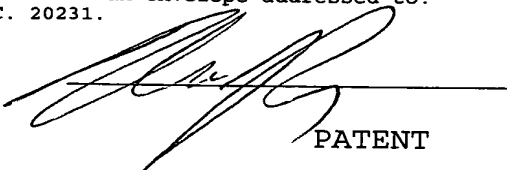
Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	'920	112	'920	Requesting publication of SIR prior to Examiner action	
113	'1,840	113	'1,840	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	950	217	475	Extension for reply within third month	
118	1,510	218	755	Extension for reply within fourth month	
128	2,060	228	1,030	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive unavoidably abandoned application	
141	1,320	241	660	Petition to revive unintentionally abandoned application	
142	1,320	242	660	Utility issue fee (or reissue)	
143	450	243	225	Design issue fee	
144	670	244	335	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))	
149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify)					
Other fee (specify)					
SUBTOTAL (3) (\$)					

* Reduced by Basic Filing Fee Paid

SUBMITTED BY				Complete (if applicable)	
Typed or Printed Name	Jill A. Fahrlander			Reg. Number	P-42,518
Signature		Date	July 20, 1998	Deposit Account User ID	

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date set forth below as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Date of Signature and Deposit: October 20, 1998



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Rafael Arguello
Alejandro Madrigal

Date: October 20, 1998

Serial No.: 09/077,615

Group Art Unit:

Filed: May 29, 1998

Examiner:

For: METHODS FOR SEPARATING
AND/OR IDENTIFYING DNA
MOLECULES

File No.: 740380.90058

RESPONSE TO NOTIFICATION OF A DEFECTIVE OATH
OR DECLARATION

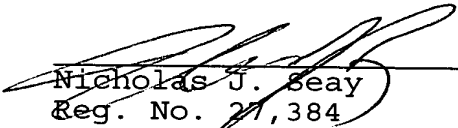
Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the Notice mailed September 21, 1998 in the above-identified application reporting that there was a defect in the earlier filed Declaration in this case, enclosed herewith is a Declaration and Power of Attorney for this application signed by each of the inventors of this application. This form does include the city of residence and post office address for each of the named inventors.

It is believed that this filing should complete the formalities with regard to the filing of this patent application.

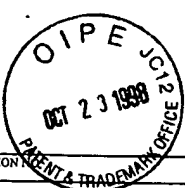
Respectfully submitted,



Nicholas J. Seay
Reg. No. 27,384
Attorney for Applicants
QUARLES & BRADY
P.O. Box 2113
Madison, WI 53701-2113

(608) 251-5000

QBMAD\172947



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
Address: ASSISTANT COMMISSIONER FOR PATENTS
Box PCT
Washington, D.C. 20231

404 Rec'd PCT/PTO 23 OCT 1998

U.S. APPLICATION NO. 03/077615	FIRST NAMED APPLICANT ARGUELLO	ATTY. DOCKET NO. 740380CSA
INTERNATIONAL APPLICATION NO.		

NICHOLAS J. SEAY
QUARLES & BRADY
PO BOX 2113
MADISON, WI 53701 2113

PCT/GB96/02960	
I.A. FILING DATE 29 NOV 96	PRIORITY DATE 29 NOV 95
DATE MAILED: 21 SEP 1998	

NOTIFICATION OF A DEFECTIVE RESPONSE

1. ☐ The request for an extension of time (37 CFR 1.136(a)) filed _____ is defective because the required fee is missing/insufficient. Extension of time fees are listed at 37 CFR 1.17(a)(1)-(a)(5).

2. ☐ Applicant's response filed _____ was received in the Office on _____, which is after the expiration of the period for response set in the last Office notification mailed _____. This application will become abandoned unless applicant obtains an extension of time to reply to the last Office notification under 37 CFR 1.136(a).

3. ☒ Applicant's response filed 28 AUG 1998 included the following items, the receipt of which is hereby acknowledged:

- ☐ Copy of the international application in:
 - ☐ a non-English language.
 - ☐ English.
- ☐ Translation of the international application into English ☐ which is defective for the reasons indicated on the attached Notice of Defective Translation.
- ☐ Processing fee (37 CFR 1.492(f)) ☐ which is insufficient.
- ☒ Oath or Declaration of inventors(s).
 - ☐ in compliance with 37 CFR 1.497(a) and (b).
 - ☒ not in compliance with 37 CFR 1.497(a) and (b) for the reasons indicated on the attached PCT/DO/EO/917.
- ☐ Surcharge (37 CFR 1.492(e)) ☐ which is insufficient.
- ☐ Copy of Article 19 amendments.
- ☐ Translation of Article 19 amendments into English.
- ☐ The International Preliminary Examination Report in English and its Annexes, if any.
- ☐ Translation of Annexes to the International Preliminary Examination Report into English.
- ☐ Preliminary amendment(s).
- ☐ Information Disclosure Statement(s).
- ☐ Assignment document.
- ☐ Power of Attorney and/or Change of Address.
- ☐ Substitute specification.
- ☐ Verified Statement Claiming Small Entity Status.
- ☐ Priority Document.
- ☐ Other:

4. ☒ All of the requirements set forth in the notification of MISSING REQUIREMENTS (Form PCT/DO/EO/905 mailed 22 JUL 1998) have not been completed.

Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements (Form DO/EO/905), whichever is the longer. No extension of this time limit may be granted under 37 C.F.R. § 1.136, but the period for response set in the Notification of Missing Requirements may be extended up to a maximum of five months.

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above. (37 CFR 1.5)

Enclosed: ☒ PCT/DO/EO/917 ☐ Notice of Defective Translation

Paulette Kidwell, Paralegal

Telephone: 703-305-3656